

{DT POST}®

Fiber Post System

Instructions

Instructions for DT POST® posts

Description of DT POST® glass fiber posts

DT POST® is a radiopaque, light-conducting endodontic post that is reinforced with glass fibers. It features a retentive double taper shape. The use of the bonding technique creates a solid and durable link between the post, the core build-up material and the tooth.

Composition

DT POST® is a radiopaque endodontic post made mostly of glass fibers. The polymer matrix contains aliphatic dimethacrylates and mineral charges.

Indications for use

DT POST®:

Dental “post and core” restorations.

Contraindications

DT POST®:

Allergy to methacrylates.

Side effects

DT POST®:

Given the actual state of knowledge, there are no side effects.

Precautions

DT POST®:

- Before using the reamers ensure that applicable Provincial Health and Safety regulations have been followed
- The reamers must be sterilized.
- The post must be disinfected, only with alcohol, before insertion into the canal
- Avoid handling the post directly with your fingers (use glove protection)
- Cutting post to length must be done outside of the mouth
- We recommend the use of eye protection, mask, gloves, suction as well as irrigation during cutting or extraction
- In case of irritation, discomfort can be treated by applying water and a soft soap (mechanical action)

Direct technique using glass fiber DT POST®

1. Remove gutta percha, leaving a 5mm apical plug.

2. Initiate canal preparation by using a #2 Peeso reamer.

Note: For teeth with multiple canals, additional posts may be required.

3. Prepare the canal with DT POST® reamers. Starting with the 0.5 reamer, increase reamer diameter until canal preparation is completed. (The reamers must be sterilized)

4. Try in the DT POST® corresponding to the diameter of the last reamer used in the canal. Adjust the length of the post (out of the mouth) by cutting the post with a diamond disk, under irrigation.

Note: Do not use carbon-based disks or burs to cut the post.

5. Etch enamel and/or dentin with 37% phosphoric acid for 15 to 20 seconds. Rinse thoroughly. Remove excess water with a paper point. Do not dry dentin out with air. Make sure to follow the instructions provided by the manufacturer of your bonding system.

6. Apply your primer/adhesive in the canal and adjacent tooth surface with a paper point, removing the excess with a dry paper point.*

Note: We do not recommend the use of self-etching primer/adhesives; some acids may prevent the total curing of some resin cements.

7. Clean the post thoroughly by wiping it with alcohol.

8. Apply bonding agent on the DT POST® following the instructions for the bonding agent. Make sure the surface of the post remains clean.*

9. Prepare your resin cement.

Note: We recommend the use of resin cements or ionomer glass cements using a modified resin. Use self-cure or dual-cure cements only (do not use light-cure only resins).

10. Apply cement in the canal using a lentulo or a Centrix® syringe using an AccuDose® needle tip. Insert the post in the canal. Maintain a light finger pressure for 1 minute or light-cure the resin through the post.

11. Complete the coronal restoration with your core build-up material and finish tooth preparation with diamond burs.

*This step may be eliminated when using self-adhesive resin cements, such as Breeze®